

Amendments to the claims

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently amended) ~~A method of detecting alert conditions in a market comprising A~~  
computer program product, tangibly embodied in an information carrier, for detecting alert  
conditions in a market, the computer program product being operable to cause data processing  
apparatus to:

~~receiving~~ receive a message in a system for a new quote for a trading item;

~~comparing~~ compare the new quote to one or more existing quotes for the same item,  
~~wherein comparing further comprises: determining~~ including determine whether the received  
~~alert~~ message is a duplicate of an earlier received message;

~~transmitting~~ transmit an alert message in response to comparing if the new quote causes a  
locked or crossed market condition and responsive to the received alert message not being a  
duplicate; and

~~updating~~ update one of the inside quotes in the system in response to the new quote being  
one of a higher bid quote and a lower ask quote; ~~and~~

~~wherein transmitting is responsive to the received alert message not being a duplicate.~~

2. (Currently amended) The ~~method~~ computer program product of claim 1, wherein  
~~transmitting~~ transmit the alert message is responsive to crossing quotes having price differences  
greater than a preselected threshold amount.

3. (Currently amended) The ~~method~~ computer program product of claim 1 wherein the  
existing quotes are inside quotes.

Claim 4 is canceled.

Claim 5 is canceled.

6. (Currently amended) The ~~method~~ computer program product of claim 3 wherein the trading item is a security.

Claims 7-52 (withdrawn)

53. (Currently amended) ~~A method comprising~~ A computer program product, tangibly embodied in an information carrier, for detecting alert conditions in a market, the computer program product being operable to cause data processing apparatus to:

in a network, ~~receiving~~ receive a message in a server for a new quote for a trading item;  
~~comparing~~ compare the new quote to existing inside quotes for the same trading item;  
update one of the inside quotes in response to the new quote being one of a higher bid quote and a lower ask quote; and

~~generating~~ generate an alert if the new quote is determined to represent a ~~usual~~ an unusual quote value; and

~~updating one of the inside quotes in response to the new quote being one of a higher bid quote and a lower ask quote.~~

54. (Currently amended) The ~~method~~ computer program product of claim 53 further comprising transmitting the generated alert.

55. (Currently amended) The ~~method~~ computer program product of claim 53 in which the trading item is a security.

Claim 56 is canceled.

Claim 57 is canceled.

58. (Currently amended) The ~~method~~ computer program product of claim [[57]] 53 in which ~~comparing further~~ compare the new quote to existing inside quotes comprises ~~determining~~ determine whether the received message is a duplicate of an earlier received message.

59. (Currently amended) The ~~method~~ computer program product of claim 58 in which the generating is responsive to the received message not being a duplicate.

60. (Currently amended) The ~~method~~ computer program product of claim 53 in which the ~~usual~~ unusual quote value represents a locked market condition.

61. (Currently amended) The ~~method~~ computer program product of claim 60 in which the locked market condition occurs when an inside ask and bid quote for the trading item are equal.

62. (Currently amended) The ~~method~~ computer program product of claim 53 in which the ~~usual~~ unusual quote value represents a crossed market condition.

63. (Currently amended) The ~~method~~ computer program product of claim 62 in which the crossed market condition occurs when an inside bid quote is greater than an inside ask quote for the trading item.

64. (Previously presented) A computer program product, tangibly embodied in an information carrier, for detecting alert conditions in a market, the computer program product being operable to cause data processing apparatus to:

- receive a message for a new quote for a trading item;
- compare the new quote to one or more existing inside quotes for the same item; and
- transmit an alert message in response to comparing if the new quote causes a locked or crossed market condition; and

update one of the inside quotes in response to the new quote being one of a higher bid quote and a lower ask quote.

65. (Previously presented) The product of claim 64 in which the existing quotes are inside quotes.

Claim 66 is canceled.

67. (Currently amended) A computer program product, tangibly embodied in an information carrier, for detecting alert conditions in a market, the computer program product being operable to cause data processing apparatus to:

receive a message in a network server for a new quote for a trading item;  
compare the new quote to existing inside quotes for the same trading item;  
updating one of the inside quotes in response to the new quote being one of a higher bid quote and a lower ask quote; and  
generate an alert if the new quote is determined to represent an ~~usual~~ unusual quote value.

68. (Previously presented) The product of claim 67 further comprising:  
transmit the generated alert.